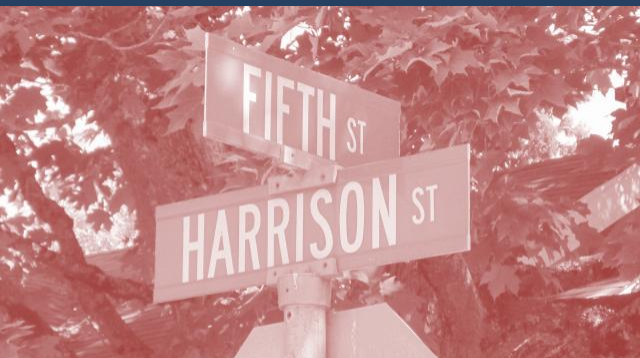


# 5<sup>TH</sup> STREET IMPROVEMENTS PROJECT



**OPEN HOUSE**  
**SEPTEMBER 30, 2010**


# BACKGROUND

- Woodburn's Transportation Goals
- Project Purpose
  - Increase connectivity
  - Protect turning & pedestrian movements
  - Benefit the overall community
- Fundamental Project Elements
  - Open 5<sup>th</sup> Street from Harrison to Hwy 214
  - Upgrade 5<sup>th</sup> Street to access street standards
  - Traffic signal at Hwy 214



# DESIGN PROCESS

- Preliminary Design Options Considered

 One-way system (couplet) with 3<sup>rd</sup> Street

 Two-way on 5<sup>th</sup> Street

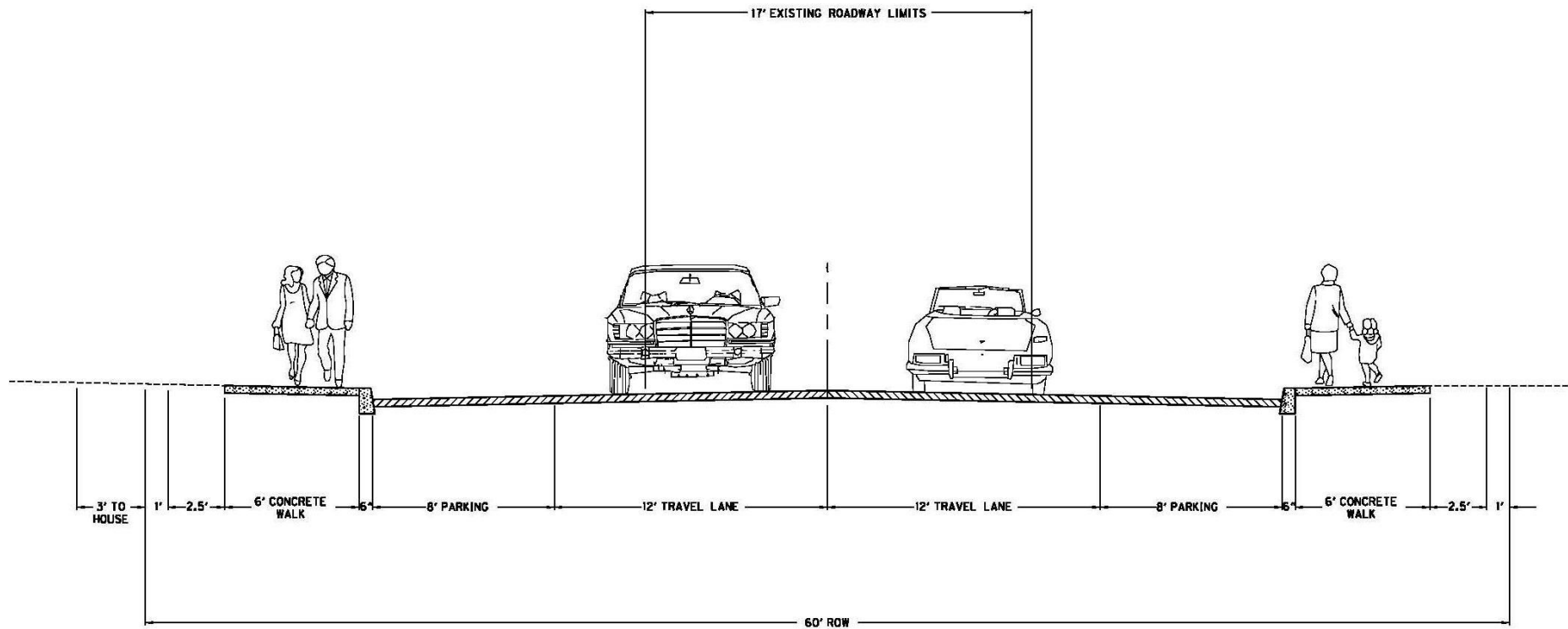
 No build

- Staff Recommendation → Two-way option

- Develop Design Specifics

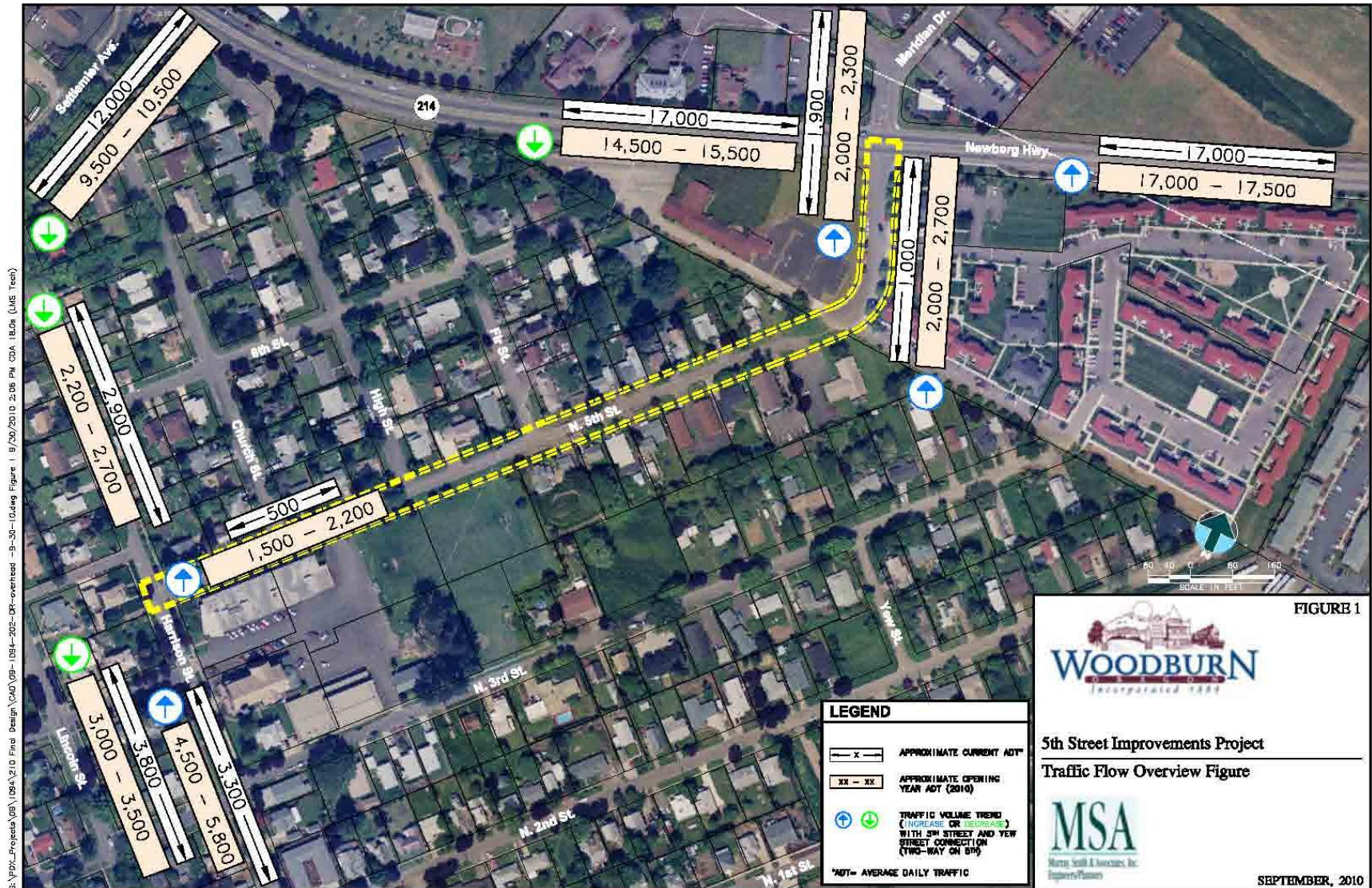
- 75% Level
- Final Design

# CONCEPTUAL LAYOUT & SECTION



5<sup>th</sup> Street North of Church St. (no parking south of Church)

# TRAFFIC VOLUMES



# TRAFFIC DESIGN CONSIDERATIONS

- 5<sup>th</sup> & Harrison
- Yew Street



Rendering of Proposed Improvements near St. Luke's, Looking South towards Harrison Street

# TRAFFIC SIGNAL @ 5<sup>TH</sup> ST. & HWY 214

- Coordination With ODOT
- Left Turn Lanes All Directions
- Protected Left Turns From Hwy 214
- Marked & Protected Pedestrian Crossings



# VEHICLE SPEED

- Maintain 25 MPH Speed Limit
- Calming Measures
  - School speed zone
  - Pedestrian crossing signs
  - Striping channelization
  - Landscaping corridor
  - Select curb extensions
  - Raised pedestrian crossing



# RAISED PEDESTRIAN CROSSING



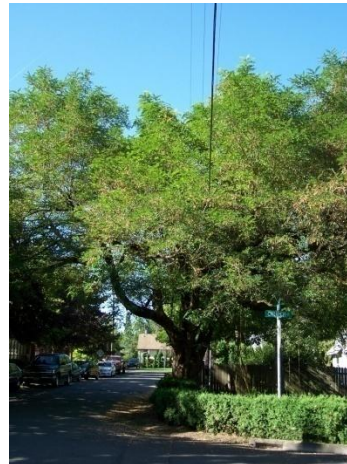
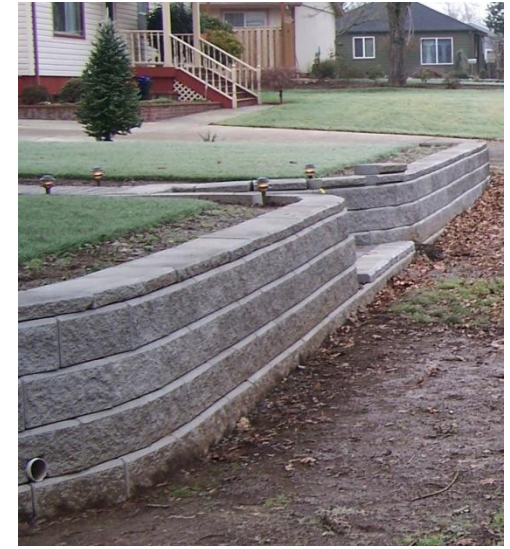
# PEDESTRIAN SAFETY

- Sidewalks
- ADA Ramps and Curb Extensions
- Striped & Signed Crosswalks
- Improved Street Lighting



# IMPACTS TO EXISTING FEATURES

- Landscaping
- Fences
- Retaining Walls
- Irrigation
- Drainage
- Utilities



# LANDSCAPING

- Removal As Needed
- Similar Replacement
- Street Trees
- Typical Plants



European Hornbeam Street Tree

# CONSTRUCTION IMPACTS

- Duration
- Work Periods
- Sequencing/Staging
- Traffic Control
- Driveways & Local Access



# RECAP OF UPCOMING PROJECT SCHEDULE

- September 2010 – 75% Design Level
- *January 2011 – Final Design Complete*
- *April → November 2011 - Construction*

# QUESTIONS & COMMENTS?